

May 21, 2015

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee  
Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for  
CPC, OPC, and WPC

The following accelerated items were implemented this past week:

RFC #312 – Modified the launch deadline notifications to allow for earlier launches. Modified the command line arguments used in the crontabs to use the correct WMOIDs for regional wave analyses.. Implemented on May 18 at 1200Z. (OPC)

RFC #313 – Resolved three problems in the Long Range Forecast preliminary map processing, in which the sanity check images for the monthly temperature didn't update, only precipitation images for all leads were making it to the archives, and the log file was being overwritten every 5 minutes but the process takes longer than 5 minutes so a realistic log file is never generated for troubleshooting purposes. Implemented on May 18 at 2000Z. (CPC)

RFC #314 – With the May 19 ExtraTropical Storm Surge (ETSS) upgrade, gempak file names were changed and several new subregions were added. The file name changes caused nmap2 to not find the data. This has been corrected. Implemented on May 21 at 1000Z. (OPC)

RFC #315 - With the May 19 ETSS upgrade, gempak file name changes caused OPC's ETSS web images to stop updating. This has been corrected. Implemented on May 21 at 1100Z. (OPC)

RFC #316 – Updated the opc\_web\_monitor.pl script to account for the “mutt” command that is slightly different in the RHEL6 OS. It was failing to run. This RFC fixes the command line call. Implemented on May 21 at 1715Z. (OPC)

-----

The following will be implemented the week of May 25, 2015:

RFC #317 – The crontab jobs that create the satellite radiofax images are being moved up to start 10 minutes earlier. This is being done to prevent them from

being reported as late by NCO – Silver Spring. To be implemented on May 25 at 1200Z. (OPC)

RFC #318 – Update several operational launch scripts to convert vgfs to xml, and then to send the xml to AWIPS2. To be implemented on May 25 at 1200Z. (OPC)

RFC #319 – Add a check to send\_medr5km\_dewpt for missing forecast hours in the model sources. Missing hours had been interpreted as '0' thus invalidating the dew point blend. This check will ensure the data going into the dew point blend is available and will ignore any missing data sources. To be implemented on May 26 at 1200Z. (WPC)

RFC #320 – Implement a modified version of the CPC webpage which displays the Madden-Julian Oscillation (MJO) lagged composites. The modified version contains an additional parameter which was not included on the original webpage. To be implemented on May 26 at 1300Z. (CPC)

RFC #321 – Add a new restricted web page which shows doubling times of Vibrio in oysters in Puget Sound. Done in response to the Washington State Vibrio conference. To be implemented on May 26 at 1330Z. (OPC)

RFC #322 – Add a new restricted web page which shows doubling times of Vibrio in oysters in Long Island Sound. Done in response to customers in Connecticut. To be implemented on May 26 at 1400Z. (OPC)

-----  
The following NCO RFC(s) will be implemented the week of May 25, 2015 and directly affect the local Centers:

RFC #945 – Wave\_Multi\_1 v4.15.3 – Correct an error in the Global Wave Model (Wave Multi 1) in which the forecast job was occasionally not finding the GFS winds file. The error was causing job failures and is fixed by using the MPI broadcasting protocol to notify tasks of winds file availability, rather than having each task independently poll for the file. To be implemented on May 26 at 1330Z.

RFC #947 – HRRR v1.1.1 – Correct a problem in the hrrr\_postsubh job. This job creates the HRRR grib2 data for 15 minutes instead of 1 hour. Occasionally, one of the input files wasn't available when the job ran, so the final product was incomplete. The correction to the job adds more time to the job to wait for all input files to be available and adds error checking for the 'cat' command. To be implemented on May 26 at 1400Z.

-----

Please note that security-related RFCs are never listed in the RFC memo.

-----  
---- OPERATIONAL ANNOUNCEMENTS ----

1. The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.